



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 19, 2015

Georgia Anastasiou  
Agent for Kemira Chemicals, Inc.  
Lewis & Harrison, LLC  
122 C Street, N.W., Suite 505  
Washington, DC 20001

Subject: Label Amendment – Add paper mills as a use-site  
Product Name: AMA-35D-P  
EPA Registration Number: 9386-13  
Application Date: October 20, 2015  
Decision Number: 510532

Dear Ms. Anastasiou:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Tuere Williams by phone at 703-347-0316, or via email at [williams.tuere@epa.gov](mailto:williams.tuere@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Chao". The signature is fluid and cursive, with the first name "Julie" being more prominent than the last name "Chao".

Julie Chao, Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure: Accepted Label

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**FOR THE PRESERVATION OF CLAY SLURRIES, ADHESIVES, COATINGS AND HIGH VISCOSITY SUSPENSIONS:** For preservation of slurries and high viscosity suspensions, AMA®-35D-P should be added at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. Add AMA®-35D-P at use levels of 0.04 - 0.11% by weight, based on the total formulation in slurries of starch, clay, calcium carbonate or titanium dioxide; paper coatings; high viscosity suspensions (e.g. polymers, silica-polymers, silica-polymer combinations); polyvinyl alcohol/polyvinyl acetate based adhesives; starch based adhesives; dextrin based adhesives. The exact amount of material to be added for the preservation of any given formulation will depend on the components and local storage conditions. Dosage rates should be determined by actual test.

**[\*]FOR THE PRESERVATION OF CONSTRUCTION MATERIALS:** For preservation of concrete, concrete admixtures and additives, caulking and caulking compounds, construction adhesives and masonry. AMA®-35D-P should be added at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. Add AMA®-35D-P at use levels of 0.04 - 0.11% (400 ppm to 1100 ppm) by weight, based on the total formulation. The exact amount of material to be added for the preservation of any given formulation will depend on the components and local storage conditions. Dosage rates should be determined by actual test.

**[\*]FOR OILFIELD OPERATIONS USE: OILFIELD DRILLING MUDS AND WORKOVER OR COMPLETION FLUIDS: FOR CONTROL OF SLIME-FORMING AND/OR SPOILAGE BACTERIA:** Determine the total volume of the circulating system. Calculate the number of pounds of AMA®-35D-P needed to produce a concentration of 500 ppm (0.18 lb/bbl) of AMA®-35D-P in the drilling mud circulating system. For example, 175 pounds of AMA®-35D-P per 1000 barrels of drilling fluid will produce the proper concentration. For best results, add AMA®-35D-P in a thin stream to the mud pit while drilling fluid circulates. As the total volume increases due to greater well depth, add additional AMA®-35D-P to maintain the proper concentration. Because of the wide variation in drilling mud composition and bacterial contamination, greater or lesser amounts of the AMA®-35D-P may be prescribed.

**[\*]OILFIELD WATER TREATMENT AND WATER FLOODS: FOR CONTROL OF SLIME-FORMING BACTERIA:** Calculate the total volume of water to be treated. Using this volume, calculate the number of pounds of AMA®-35D-P needed to produce a concentration of approximately 200 ppm AMA®-35D-P. For example, 1.67 pounds of AMA®-35D-P per 1000 gallons of total volume will produce this dilution. 150 ppm AMA®-35D-P added each week is recommended to maintain bacterial control. This may be accomplished by adding 1.25 pounds of AMA®-35D-P to each 1,000 gallons of total volume. Because of the wide variation in waters found in the oil fields, greater or lesser amounts of AMA®-35D-P may be required in a particular location.

**[\*]RECIRCULATING COOLING WATER SYSTEMS: FOR CONTROL OF ALGAE, FUNGI, AND SLIME FORMING BACTERIA:** Dosages for industrial recirculating cooling water systems will depend upon the conditions of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply AMA®-35D-P to the cleaned system or when growth is first noticed according to the following schedule.

**Initial Dosage:** Apply 9.5 to 18.9 ounces of AMA®-35D-P per each 10,000 gallons of water in the system. This dosage may be as a continuous treatment or applied once, twice or three times weekly, or as required to control the growth of slime forming organisms.

**Subsequent Dosage:** When microbial control is evident, add 1.5 to 9.5 ounces of AMA®-35D-P per 10,000 gallons of water in the system as a continuous treatment daily or every 3 days or as required to maintain control.

**[\*]PAPER MILL SLIME CONTROL: FOR THE CONTROL OF SLIME-FORMING AND/OR SPOILAGE BACTERIA:** AMA®-35D-P is added at a point in the system (raw stock chest, beater and/or refiner chest, or machine chest-wirepit) where it will be uniformly mixed. Add 0.09 to 0.38 pounds of AMA®-35D-P per ton of paper produced.

**[\*Uses are not registered in California]**

# AMA®-35D-P

For use as a preservative of industrially prepared water based suspensions (pigment slurries, adhesives, polymers and starches), concrete and as an antimicrobial in oilfield operations and recirculating cooling water systems.

|  |      |
|--|------|
| Active Ingredient:   |      |
| Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione..... | 98%  |
| Inert Ingredients: .....                                   | 2%   |
| TOTAL.....   | 100% |

ANTIMICROBIAL AGENT FOR INDUSTRIAL USE

KEEP OUT OF REACH OF CHILDREN

## WARNING

| First Aid   |  |
|---|--|
| <b>If in eyes:</b>  | - Hold eye open and rinse slowly and gently with water for 15–20 minutes<br>- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.<br>- Call a poison control center or doctor for treatment advice.   |
| <b>If swallowed:</b>  | - Call poison control center or doctor immediately for treatment advice.<br>- Have person sip a glass of water if able to swallow.<br>- Do not induce vomiting unless told to do so by the poison control center or doctor.<br>- Do not give anything by mouth to an unconscious person. |
| <b>If on skin or clothing:</b>  | - Take off contaminated clothing.<br>- Rinse skin immediately with plenty of water for 15–20 minutes.<br>- Call a poison control center or doctor for treatment.   |
| <b>If inhaled:</b>  | - Move person to fresh air<br>- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.<br>- Call a poison control center or doctor for further treatment.   |
| Have product container, label or label information with you when calling a Poison Control Center (1-800-222-1222) or doctor or going for treatment. |  |
| Contact CHEMTREC at 1-800-424-9300 for additional information.  |  |

EPA REG. No. 9386-13

EPA EST. No. 33967-NJ-001

MANUFACTURED FOR:

## Kemira

**KEMIRA CHEMICALS, INC.  
1000 PARKWOOD CIRCLE, SUITE 500  
ATLANTA, GA 30339**

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Avoid breathing dust and contact with skin, eyes or clothing. Gloves must be worn when handling the product. If used in cooling water systems, appropriate PPE (long pants, long-sleeved shirts, chemical resistant gloves, and goggles or face shield) must be used when applying this product. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reusing.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish, aquatic invertebrates, oysters and shrimp. Do not apply (or use) in estuarine oil fields where drilling fluids (muds) are discharged in the surface water. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### STORAGE AND DISPOSAL

Nonrefillable container. Do not reuse or refill this container.  
Do not contaminate water, food or feed by storage or disposal of this product.

**PESTICIDE STORAGE:** Protect from temperatures in excess of 140°F. Keep container closed when not in use. If contents are spilled or leaked due to container damage, collect and dispose of in accordance with local, state and federal disposal regulations.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Fiber Drums with Liners: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

LABEL DATE: 19-OCT-15GA

LOT#: \_\_\_\_\_

NET WT.: \_\_\_\_\_ Pounds (DENSITY: 47 LBS/CU FT)

